



Express Mail Label No.: EL947115249US  
Date of Deposit: August 12, 2002

Attorney Docket No.: 20363-011

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

AUG 19 2002

APPLICANT(S): Silver and Livingston

SERIAL NUMBER: 09/834,778

EXAMINER: Pappu

FILING DATE: April 12, 2001

ART UNIT: 1636

TECH CENTER 1600/2900

FOR: SELF-EXTINGUISHING RECOMBINASES, NUCLEIC ACIDS ENCODING  
THEM AND METHODS OF USING THE SAME

August 12, 2002  
Boston, Massachusetts

Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

This paper is in response to the Office Action, mailed April 10, 2002, in the above-identified application. A Petition for a One-Month Extension of Time and required fee are filed herewith. With this extension, the present Amendment and Response is due on or before August 12, 2002 (August 10, 2002 being a Saturday). Applicants believe that no additional fees are due with this filing. However, the Commissioner is hereby authorized to charge any fees that may be due, or credit any overpayment, to Deposit Account No. 50-0311, Attorney Ref. No. 20363-011.

**AMENDMENT**

Please replace the pending abstract with the following:

A1 -- Nucleic acid molecules comprising at least a first signal site and a recombinase gene operably linked to an expression control sequence, such that upon entry into a cell, there is a first signal site and a second signal site positioned to mediate excision of a sufficient portion of either the recombinase gene or the expression control sequence to extinguish recombinase activity when the first and second signal sites are contacted with a recombinase, cells, transgenics and uses of the foregoing.--